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Patent Number :

US5743046 A 19980428 [US5743046]

Title :

(A) Jack shaft door garage operator

Patent Assignee :

(A) CHAMBERLAIN GROUP INC (US)

Patent Assignee :

The Chamberlain Group, Inc., Elmhurst IL [US]

Inventor(s) :

(A) SIEGLER MARK D (US); CHANG JAMES S (US); MILLER DAVID J (US)

Application Nbr :

US82974297 19970331 [1997US-0829742]

Filing Details :

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US82974297 19970331 [1997US-0829742]

Intl Patent Class :

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IPC Advanced All :

E05F-015/16 [2006-01 A - I R M EP]

E05D-015/24 [2006-01 A - N R M EP]

IPC Core All :

E05F-015/16 [2006 C - I R M EP]

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EPO ECLA Class :

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EPO ICO Class :

P05D-013/12G2

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US Patent Class :

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Basic

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US1216202; US1417104; US1465695; US1863961; US2096251; US2185828;

US2580311; US2841724; US2882044; US3147001; US3311159; US3412780;

US3685567; US3785089; US3934635; US4085629; US4202644; US4241540;

US4274227; US4356668; US4385471; US4460030; US4472910; US4520591;

US4538661; US4597224; US4597428; US4621452; US4653565; US4956938;

US5064147; EP151427 A; EP151427; FR2634815 A3

Designer's Notebook, Six Ways to Reduce Costs with Trantorque Keyless Bushings, Fenner Manheim, Manheim, PA.

Brochure, Trantorque, Fenner Manheim, Manheim, PA.

Installation Instructions, Cable Keeper, Set-Rite Seal Co., Levittown, PA.

Garage Door Opener Owner's Manual, Series 651-2MM-1/2HP, Series 601MM-1/2HP, Series 151MM-1/4HP, The Chamberlain Group, Inc., published 1993.

Lift Master Model MJ Series 1000 Commercial Operator Medium Duty Jack Shaft Operator, published by The Chamberlain Group, Inc. more than one

year before Jun. 1, 1995.

Model GJ Series 3000 Commercial Operator Gear Head Jack Shaft Operator,
published by The Chamberlain Group, Inc. more than one year before Jun.
1, 1995.

"Instructions for Installation of 139.53709 Quick Turn Brackets,"
Document No. 114A798, published by the Chamberlain Group, Inc. more than
one year before Jun. 1, 1995.

"ATL Rolls Out the Best Warranty in the Industry," Arrow Tru-Line, INC.,
published more than one year before Jun. 1, 1995.

"Posi-Tension Drums . . . One of the Many Reasons Why You Should Be
Getting 'The Original' . . . 'Overhead Door'", published more than one
year before Jun. 1, 1995.

"SpecData", from Door Oper. & Remote Controls Mfs. Assn. & Nat'l Assn.
of Garage Door Mfs., Nov. 1983 (supersedes Feb. 1977).

"Architectural Specifications", manufactured by Link Controls, 2111
Lakeland Ave., Ronkonoma, NY 11779.

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1 / 1 LGST - ©EPO

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2003-22

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

5,743,046 A 19980428 [US5743046]

Patent Assignee :

Chamberlain Group Inc

Actions :

20000412 REISSUE REQUESTED

Issue Date of O.G.: 20000613

Reissue Request Number: 09/547563

Examination Group responsible for Reissue process: 3623

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UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5743046

[Link to Claims Section](#)

April 28, 1998

Jack shaft door garage operator

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